

Title (en)

Polyalkylated 4-aminopiperidine derivatives and synthetic polymers containing the same.

Title (de)

Polyalkylierte 4-Aminopiperidinderivate und diese enthaltende synthetische Polymere.

Title (fr)

Dérivés polyalkylés de amino-4 pipéridine et polymères synthétiques les contenant.

Publication

EP 0047605 A1 19820317 (EN)

Application

EP 81303858 A 19810824

Priority

US 18582280 A 19800910

Abstract (en)

[origin: US4316837A] Polyalkylated 4-aminopiperidine derivatives having the formula: <IMAGE> wherein R is a C1-C19 alkyl group, a cycloalkyl group of from 5 to 7 carbon atoms, an unsubstituted aryl group, an aryl group substituted with one or more C1-C4 alkyl or C1-C4 alkoxy groups, an aralkyl group having 7 or 8 carbon atoms, or <IMAGE> where x is an integer from 0 to 4 inclusive and R' is C1-C4 alkyl, which are useful as stabilizers for synthetic polymers are disclosed. Also disclosed are compositions stable to photo-deterioration comprising said polyalkylated 4-aminopiperidine derivatives and a synthetic polymer.

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C07D 211/58; **C08K 5/34**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- DE 2636143 A1 19770526 - CHIMOSA CHIMICA ORGANICA SPA
- DE 2621870 A1 19761216 - CIBA GEIGY AG, et al
- FR 2345433 A1 19771021 - BAYER AG [DE]
- EP 0031304 A1 19810701 - CHIMOSA CHIMICA ORGANICA SPA [IT]
- FR 2074871 A5 19711008 - SANKYO CO
- FR 2409985 A1 19790622 - MONTEDISON SPA [IT]
- DE 2821579 A1 19781130 - SANKYO CO
- EP 0000496 B1 19820519

Cited by

EP0127356A3; US5633993A; EP0111448A3; US4629682A

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